

25

1. Method for transmitting information by means of data packets, the data packets being forwarded from a transmitter via routers to a receiver and a header of the data packet containing information for the forwarding of the data packet, characterized in that the information in the header is changed during the transportation of the data packet.
2. Method according to Claim 1, characterized in that the header contains information on the entire transport path to be travelled when the packet is sent off and that this information is replaced by information on the originator during the transportation of the data packets.
3. Method according to Claim 2, characterized in that the data information reproducing the destination is replaced step by step by the originator information.
4. Method according to one or more of the preceding claims, characterized in that the data packets are changed in the area of interfaces.
5. Method according to one or more of the preceding claims, characterized in that the data are transmitted in a network which is operated in accordance with an Internet protocol.
6. Method according to one or more of the preceding claims, characterized in that the data packets contain the following information components: [length][number of hops][current hop][protocol]-[hops]*[data]*.

- 5

[illegible]